

re run

IFWO

RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/849,979

TIME: 17:37:50

Input Set : N:\Crf4\Refhold\10_folder\J849979MOD.raw

Output Set: N:\CRF4\07272004\J849979.raw

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2 <120> TITLE OF INVENTION: 97 Human secreted proteins
3 <130> FILE REFERENCE: PZ028P2
4 <140> CURRENT APPLICATION NUMBER: US/10/849,979
5 <141> CURRENT FILING DATE: 2004-05-21
6 <150> PRIOR APPLICATION NUMBER: US/09/948,783
7 <151> PRIOR FILING DATE: 2001-09-10
8 <150> PRIOR APPLICATION NUMBER: 60/231,846
9 <151> PRIOR FILING DATE: 2000-09-11
10 <150> PRIOR APPLICATION NUMBER: 09/892,877
11 <151> PRIOR FILING DATE: 2001-06-28
12 <150> PRIOR APPLICATION NUMBER: 09/437,658
13 <151> PRIOR FILING DATE: 1999-11-10
14 <150> PRIOR APPLICATION NUMBER: PCT/US99/09847
15 <151> PRIOR FILING DATE: 1999-05-06
16 <150> PRIOR APPLICATION NUMBER: 60/085,093
17 <151> PRIOR FILING DATE: 1998-05-12
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19 <151> PRIOR FILING DATE: 1998-05-12
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41 <151> PRIOR FILING DATE: 1998-05-18
42 <160> NUMBER OF SEQ ID NOS: 465
43 <170> SOFTWARE: PatentIn Ver. 2.0



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Input Set : N:\Crf4\Refhold\10_folder\J849979MOD.raw

Output Set: N:\CRF4\07272004\J849979.raw

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47 <212> TYPE: DNA
48 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 1
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51      aattcgaggg tgcaccgtca gtcttctctt tcccccaaa acccaaggac accctcatga      120
52      tctcccgga ccttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg      180
53      tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg      240
54      aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact      300
55      ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg      360
56      agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc      420
57      catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct      480
58      atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga      540
59      ccacgcctcc cgtgctggac tccgacggt ccttcttctt ctacagcaag ctcaccgtgg      600
60      acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc      660
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62      gactctagag gat                                     733
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69 <221> NAME/KEY: Site
70 <222> LOCATION: (3)
71 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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74          1             5
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82      cccgaaatat ctgccatctc aattag                                     86
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99      ttatgcagag gccgaggccg cctcgccctc tgagctattc cagaagtagt gaggaggctt      240
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110 <211> LENGTH: 31
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 7
114      gcgaagcttc gcgactcccc ggatccgcct c      31
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117 <211> LENGTH: 12
118 <212> TYPE: DNA
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132 <211> LENGTH: 256
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
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138      cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
139      ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
140      cttttgcaaa aagctt      256
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143 <211> LENGTH: 1191
144 <212> TYPE: DNA
145 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 11
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149      gggatactcc caccatcgtc tcccgcaagg agtggggggc aagaccgctc gcctgcaggg      180
150      ccctgctgac cctgcctgtg gcctacatca tcacagacca gctcccaggg atgcagtgcc      240
151      agcagcagag cgtttgagc agatgctgc ggggggtgca gtccattcc gtctacacca      300
152      taggctggtg cgacgtggcg tacaacttcc tggttgggga tgatggcagg gtgtatgaag      360

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Output Set: N:\CRF4\07272004\J849979.raw

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155      aggggtctgat ctccatagcc atccagaagg gtcacctgtc gcccaggtat attcagccac      540
156      ttcttctgaa agaagagacc tgcttgacc ctcaacatcc agtgatgccc agraagggtt      600
157      gcccacaacat catcaaacga tctgcttggg aagccagaga gacacactgc ctaaaaatga      660
158      acctcccagc caaatatgtc atcatcatcc acaccgctgg cacaagctgc actgtatcca      720
159      cagactgcca gactgtcgtc cgaaacatac agtcctttca catggacaca cggaagttt      780
160      gtgacattgg atatcaataa ggcagggcgt ggcggcgatt acgtctgtaa tcccaggact      840
161      ttggggaggcc aaggcgggca gatcacttca gcccaggaat tcaagagcag cctggccaat      900
162      atggcgaaac tctgtctcta ctgaaaacaa acaaacaaac aaacaaacaa acaagaaac      960
163      aacaaaaatt agccgggtgt ggtggcacac gcctgtagtc ccagctactc aggaggctga     1020
164      ggcataagaa ttgcttgaa cctggaggcg gaggttgacg tgagctgaga ttggggccacc     1080
165      gcactccagt ctgggagaca gactgagact gtctcaaac aacaacaaaa aaatccctaa     1140
166      cataatctca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa agggcgggcg c              1191
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169 <211> LENGTH: 1251
170 <212> TYPE: DNA
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174      tagttgctct taattgctgc tctatttctt tgggaagatt gacatatcca ggagggtttc     120
175      atctaaaact agaccctta gaactctgaa gtcagagcaa ctttccctct gtcaatccta     180
176      ctactacttt ttgtamcctt gaccagagaa gttgcttaat cttttggggc ctgcattctc     240
177      atatacctaa agtaggaata aaaatacctg cttagagact tgctcagtc atcaaatrag      300
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183      cacagttatt attaaaaaga aaggattctc tatgtgcttt tattcagccc atggctttta     660
184      atatcatcca tgtgcctatg tcttccaaat gtatttttcc agcccagtc ggtccctcga     720
185      cattcagatc cttatgggtg tgccctcacc ctatatccaa atgccaaactt ggtctctact     780
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188      aagaatcatc cttgattttt cccttccctt tgtcccttgc catcccagat tatcctgcaa     960
189      aaactgtcta tgctacctac aaaagtatct gccacatgtc atactaattg tcratatcct     1020
190      agagcaccmt tcactgtcct tcacctgtgg tgttgctgca attgtctcct tccctggctgc     1080
191      cctgattata tccattctcc ctgtctccaa aagcattctg cgcacagcag acacagatgt     1140
192      ttcataaatg taagtctggg catgcgctcc tctacctaaa accattagat gggttttcat     1200
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199 <220> FEATURE:
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202 <223> OTHER INFORMATION: n equals a,t,g, or c
203 <220> FEATURE:

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Output Set: N:\CRF4\07272004\J849979.raw

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226      tccacagatt ttgaagtaca ccgaaactgg cttgctatca ctcacagttt gccaatatca      180
227      cagtgggtatt atgaggcaac ttcagagtgg acgttggtatt accccctttt ctttgcattg      240
228      tttgagtata tcctgtcaca tgttgccaaa tattttgatc aagaaatgct gaatgtccat      300
229      aatttgaatt actccagctc aaggacctta cttttccaga gattttccgt catctttatg      360
230      gatgtactct ttgtgtatgc tgtccgtgag tgetgtaaat gcattgatgg aaaaaaagtg      420
231      ggtaaagaac ttacagaaaa gccaaaattt attctgtcgg tattacttct gtggaacttc      480
232      gggttattaa ttgtggacca tattcatttt cagtacaatg gctttttatt tggattaatg      540
233      ctactctcca ttgcacgatt atttcagaaa aggcataatg aaggagcatt tctctttgct      600
234      gttctcctac atttcaagca tatctacctc tatgtagcac cagcttatgg tgtatatctg      660
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237      ggtcctttcc tggccttgaa tcagctgcct caagtctttt cccgactcct tcctttcaag      840
238      aggggectct gtcatgcata ttgggctcca aacttctggg ctttgtacaa tgctttggac      900
239      aaagtgctgt ctgtcatcgg tttgaaattg aaatttcttg atcccaacaa tattccaag      960
240      gcctcaatga caagtggttt ggttcagcag ttccaacaca cagtccttcc ctcagtgact      1020
241      cccttggcaa cctcatctg cacactgatt gccatattgc cctctatttt ctgtctttgg      1080
242      tttaaacccc aagggccccag aggctttctc cgatgtctaa ctctttgtgc cttgagctcc      1140
243      tttatgtttg ggtggcatgt tcatgaaaaa gccatacttc tagcaattct cccaatgagc      1200
244      cttttgtctg tgggaaaagc aggagacgct tcgatttttc tgattctgac cacaacagga      1260
245      cattattccc tctttcctct gctcttcaact gcaccagaac ttcccattaa aatcttactc      1320
246      atgttactat tcaccatata tagtatctcg tcaactgaaga ctttattcag aaaagaaaaa      1380
W--> 247      cctcttttta attggatgga aactttctac ctgcttngcc tggggcctct ggaagtctgc      1440
248      tgtgaatttg tattcccttt cacctcctgg aagggtgaagt accccttcat ccctttgtta      1500
249      ctaacctcag tgtattgtgc agtaggcac acatatgctt ggttcaaact gtatgtttca      1560
250      gtattgattg actctgctat tggcaagaca aagaaacaat gaataaagga actgcttaga      1620
251      aaaaaaaaaa aaaaaaaaaa aaagggcggc cgctctagag gatccctcga gggcccaagc      1680
252      ttacgcgtgc atgcgagtca tantctctcc tggnttgatc gtatgaagct nngc      1734

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PATENT APPLICATION: US/10/849,979

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Output Set: N:\CRF4\07272004\J849979.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:17; N Pos. 1240
Seq#:18; N Pos. 1100
Seq#:20; N Pos. 16,28,47,52,93
Seq#:23; N Pos. 1050,3743,3848,3877,3882,3885
Seq#:25; N Pos. 587,1634,1648,1659,1668
Seq#:26; N Pos. 1025
Seq#:27; N Pos. 7
Seq#:30; N Pos. 434,441,1300
Seq#:31; N Pos. 1099
Seq#:35; N Pos. 283
Seq#:36; N Pos. 329,340,977,1117
Seq#:38; N Pos. 43,47,58
Seq#:40; N Pos. 293
Seq#:42; N Pos. 353
Seq#:53; N Pos. 912
Seq#:54; N Pos. 975
Seq#:57; N Pos. 1540,1935
Seq#:58; N Pos. 1248,1255
Seq#:61; N Pos. 1047
Seq#:63; N Pos. 52,66,84
Seq#:70; N Pos. 1790,1792,1801
Seq#:72; N Pos. 8,28,30,47,873
Seq#:73; N Pos. 716,731,772
Seq#:74; N Pos. 161,163,170,1229,2243,2309
Seq#:75; N Pos. 755,1237,1866
Seq#:76; N Pos. 858
Seq#:79; N Pos. 1145
Seq#:81; N Pos. 390,456,1100,1293,1409
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Seq#:84; N Pos. 717
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Seq#:90; N Pos. 349
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Seq#:94; N Pos. 722
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Seq#:103; N Pos. 287
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Seq#:123; Xaa Pos. 129,178,187,262,308
Seq#:124; Xaa Pos. 99
Seq#:127; Xaa Pos. 27
Seq#:129; Xaa Pos. 120

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:3; Line(s) 81,82
Seq#:4; Line(s) 89
Seq#:5; Line(s) 96,97,98,99,100
Seq#:6; Line(s) 107
Seq#:7; Line(s) 114
Seq#:8; Line(s) 121
Seq#:9; Line(s) 128,129
Seq#:10; Line(s) 136,137,138,139,140
Seq#:11; Line(s) 147,148,149,150,151,152,153,154,155,156,157,158,159,160
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Seq#:12; Line(s) 173,174,175,176,177,178,179,180,181,182,183,184,185,186
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Output Set: N:\CRF4\07272004\J849979.raw

Seq#:23; Line(s) 628,629,630,631,632,633,634,635,636,637,638,639,640,641
Seq#:23; Line(s) 642,643,644,645,646,647,648,649,650,651,652,653,654,655
Seq#:23; Line(s) 656,657,658,659,660,661,662,663,664,665,666,667,668,669
Seq#:23; Line(s) 670,671,672,673,674,675,676,677,678,679,680,681,682,683
Seq#:23; Line(s) 684,685,686,687,688,689,690,691,692
Seq#:24; Line(s) 699,700,701,702,703,704,705,706,707,708,709,710,711,712
Seq#:24; Line(s) 713,714,715,716,717,718,719,720,721,722,723,724,725
Seq#:25; Line(s) 752,753,754,755,756,757,758,759,760,761,762,763,764,765
Seq#:25; Line(s) 766,767,768,769,770,771,772,773,774,775,776,777,778,779
Seq#:26; Line(s) 790,791,792,793,794,795,796,797,798,799,800,801,802,803
Seq#:26; Line(s) 804,805,806,807
Seq#:27; Line(s) 818,819,820,821,822,823,824,825,826,827,828,829,830,831
Seq#:27; Line(s) 832,833,834,835,836,837,838,839,840,841,842
Seq#:28; Line(s) 849,850,851,852,853,854,855,856,857,858,859,860,861,862

VERIFICATION SUMMARY

DATE: 07/27/2004

PATENT APPLICATION: US/10/849,979

TIME: 17:37:51

Input Set : N:\Cr4\Refhold\10_folder\J849979MOD.raw

Output Set: N:\CRF4\07272004\J849979.raw

L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:1380
M:341 Repeated in SeqNo=13
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:420
M:341 Repeated in SeqNo=16
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:1200
L:430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:1080
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
M:341 Repeated in SeqNo=20
L:645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:1020
M:341 Repeated in SeqNo=23
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:540
M:341 Repeated in SeqNo=25
L:807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:1020
L:818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:420
M:341 Repeated in SeqNo=30
L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:1080
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:240
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:300
M:341 Repeated in SeqNo=36
L:1250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:240
L:1385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:300
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:900
L:1783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:960
L:1912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:1500
M:341 Repeated in SeqNo=57
L:1954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:1200
L:2033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:1020
L:2084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
M:341 Repeated in SeqNo=63
L:2307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:1740
M:341 Repeated in SeqNo=70
L:2363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:2407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:660
M:341 Repeated in SeqNo=73
L:2442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:120
M:341 Repeated in SeqNo=74
L:2510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:720
M:341 Repeated in SeqNo=75
L:2554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:840
L:2683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:1140
L:2738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:360
M:341 Repeated in SeqNo=81

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Input Set : N:\Crf4\Refhold\10_folder\J849979MOD.raw

Output Set: N:\CRF4\07272004\J849979.raw

L:2782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:660

M:341 Repeated in SeqNo=82